

Title (en)

ELEMENT OF BELT FOR CONTINUOUSLY VARIABLE TRANSMISSION AND BELT FOR CONTINUOUSLY VARIABLE TRANSMISSION

Title (de)

ELEMENT EINES RIEMENS FÜR STUFENLOSES GETRIEBE UND RIEMEN FÜR STUFENLOSES GETRIEBE

Title (fr)

ÉLÉMENT DE COURROIE POUR TRANSMISSION À VARIATION CONTINUE ET COURROIE POUR TRANSMISSION À VARIATION CONTINUE

Publication

**EP 2243980 B1 20131016 (EN)**

Application

**EP 09710553 A 20090212**

Priority

- JP 2009052264 W 20090212
- JP 2008035205 A 20080215

Abstract (en)

[origin: EP2243980A1] To provide a belt for a continuously variable transmission and an elements used in the belt. The elements 6 has a stopper portion 10b formed integrally with a neck portion 10a erected upwardly from the saddle face 9 to hold a width end portion of the ring 8. The elements 6 are juxtaposed annularly in a same orientation and fastened by rings 6 disposed on a saddle face 9 of the element thereby forming a belt for a continuously variable transmission. The element 6 is characterized in that : a recessed portion 14 is formed by depressing the saddle face 9 at a corner 13 between a side face of the neck portion 10a and the saddle face 9; and an inner face of the recessed portion 14 comprises a first inner face 14a extending smoothly into the side face 15 of the neck portion 10a and having a relatively larger curvature radius, and a second inner face 14b extending smoothly into the first inner face 14a and having a relatively smaller curvature radius.

IPC 8 full level

**F16G 5/16** (2006.01)

CPC (source: EP US)

**F16G 5/16** (2013.01 - EP US)

Citation (examination)

P.O'CONNOR, A.KLEYNER: "Practical reliability engineering", vol. 5, 2 January 2012, JOHN WILEY & SONS LTD, Chichester, West Sussex, UK, ISBN: 978-0-470-97981-5

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)

**EP 2243980 A1 20101027; EP 2243980 A4 20111005; EP 2243980 B1 20131016**; CN 101946102 A 20110112; CN 101946102 B 20130424; JP 2009192025 A 20090827; JP 4766064 B2 20110907; US 2010311531 A1 20101209; US 8100798 B2 20120124; WO 2009101950 A1 20090820

DOCDB simple family (application)

**EP 09710553 A 20090212**; CN 200980105215 A 20090212; JP 2008035205 A 20080215; JP 2009052264 W 20090212; US 86678209 A 20090212